

10/16/03

PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	10/688401	
			Filing Date	10/16/03	
			First Named Inventor	Abrams	
			Art Unit	1742	
			Examiner Name	WY520Miejski	
Sheet	1	of	4	Attorney Docket Number	ACS-65213

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
GW	1	US-	2,738,294	03/13/1956	Spence	
	2	US-	2,768,271	10/23/1956	Meridith	
	3	US-	3,558,369	01/26/1971	Wang et al.	
	4	US-	3,605,725	09/20/1971	Bentov	
	5	US-	3,620,212	11/16/1971	Fannon et al.	
	6	US-	3,890,977	06/24/1975	Wilson	
	7	US-	3,953,253	04/27/1976	Clark	
	8	US-	4,037,324	07/26/1977	Andreason	
	9	US-	4,233,690	11/18/1980	Akins	
	10	US-	4,283,233	08/11/1981	Goldstein et al.	
	11	US-	4,304,613	12/08/1981	Wang et al.	
	12	US-	4,411,655	10/25/1983	Schreck	
	13	US-	4,425,908	01/17/1984	Simon	
	14	US-	4,427,000	01/24/1984	Ueda	
	15	US-	4,503,569	03/12/1985	Dotter	
	16	US-	4,505,767	03/19/1985	Quin	
	17	US-	4,512,338	04/23/1985	Balko et al.	
	18	US-	4,580,568	04/08/1986	Gianturco	
	19	US-	4,665,906	05/19/1987	Jervis	
	GW	20	US-	4,768,507	09/06/1988	Fischell et al.

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind <sup>5</sup> (if known)				
GW	21	PCT	WO 89/10088		11/02/1989	Target Therapeutics		
	22	PCT	WO 90/13329	A1	11/15/1990	Progressive Angioplasty		
	23	PCT	WO 91/15152	A1	10/17/1991	Boston Scientific		
	24	EP	0 145 166	A2	06/19/1985	Raychem Corp.		
	25	EP	0 199 715	A2	10/29/1986	Austria Draht GMBH		
	26	EP	0 340 304	A1	11/08/1989	Terumo Kabushiki Kaisha		
	27	EP	0 395 098	A1	10/31/1990	Yamauchi c/o Tokin Corp.		
	28	EP	0 480 427	A1	04/15/1992	Matsuda		
	29	EP	0 491 349	A2	06/24/1992	Advanced Cardiovascular		
GW	30	EP	0 515 078	A2	11/25/1992	Cook Incorporated		

Examiner Signature	<i>GW</i>	Date Considered	8/30/05
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
	Application Number				
	Filing Date				
	First Named Inventor	Abrams			
	Art Unit				
	Examiner Name				
Sheet	2	of	4	Attorney Docket Number	ACS-65213

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
aw	31	US-	4,776,844	10/11/1988	Ueda	
	32	US-	4,827,941	05/09/1989	Taylor et al.	
	33	US-	4,846,573	07/11/1989	Taylor et al.	
	34	US-	4,875,489	10/24/1989	Messner et al.	
	35	US-	4,881,981	11/21/1989	Thoma et al.	
	36	US-	4,925,445	05/15/1990	Sakamoto et al.	
	37	US-	4,935,068	06/19/1990	Dueng	
	38	US-	4,984,581	01/15/1991	Stice	
	39	US-	4,991,602	02/12/1991	Amplatz et al.	
	40	US-	5,001,446	03/19/1991	Tsuji et al.	
	41	US-	5,025,799	06/25/1991	Wilson	
	42	US-	5,067,957	11/26/1991	Jervis	
	43	US-	5,069,226	12/03/1991	Yamauchi et al.	
	44	US-	5,120,308	06/09/1992	Hess	
	45	US-	5,143,085	09/01/1992	Wilson	
	46	US-	5,188,621	02/23/1993	Samson	
	47	US-	5,318,527	06/07/1994	Hyde et al.	
	48	US-	5,341,818	08/30/1994	Abrams et al.	
	49	US-	5,411,476	05/02/1995	Abrams et al.	
aw	50	US-	5,637,089	06/10/1997	Abrams et al.	

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Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind <sup>5</sup> (if known)				
aw	51	EP	0 550 258	A1	07/07/1993	Cook Incorporated		
	52	EP	0 550 288	A2	07/07/1993	Amdahl Corporation		
	53	EP	0 569 166	A1	11/10/1993	American Telephone and . . .		
	54	JP	5019512		01/29/1993	Mitsubishi Kasei Corp.		
	55	JP	55164304		12/22/1980	Hitachi Ltd.		
	56	JP	6184361		04/28/1986	Tohoku Metals, Ltd.		
	57	JP	62199757		09/03/1987	Nippon Stainless Steel Co.		
aw	58	JP	62235449		10/15/1987	Furukawa Electric Co. Ltd.		

Examiner Signature		Date Considered	8/30/05
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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

**Complete if Known**

Application Number

Filing Date

First Named Inventor	Abrams
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**Art Unit**

**Examiner Name**

Attorney Docket Number | ACS-65213

Sheet

3

**of**

4

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner  
Signature

Date  
Considered

8/30/05

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number			
		Filing Date			
		First Named Inventor	Abrams		
		Art Unit			
		Examiner Name			
Sheet	4	of	4	Attorney Docket Number	ACS-65213

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CW	61	"Linear and non-linear superelasticity in NiTi", G.R. Zadno and T.W. Duerig, MRS Int'l Mtg. on Adv. Mats. Vol. 9, 1989 Materials Research Society	
	62	"Deformation and transition behavior associated with the r-phase in TiNi alloys", S. Miyazaki and K. Otsuda, Metallurgical Transactions A, Vol. 17A, January 1986, pages 53-63	
	63	Declaration by Sepehr Fariabi, dated September 16, 1993	
	64	William J. Buehler and William B. Cross, "55-Nitinol Unique Wire Alloy with a Memory", pp. 41-49, June 1969	
	65	E. Hornbogen, "Shape Memory: Three Usable Effects in One Material", pp. 67, 70, 71, 73, Design Engineering, May 1990	
	67	A Report by C.M. Jackson, H.J. Wagner and R.J. Wasilewski, "Nitinol - The Alloy with a Memory: Its Physical Metallurgy, Properties, and Applications", prepared under contract for NASA by Battelle Memorial Institute, NASA-SP 5110, Technology Utilization Office National Aeronautics and Space Administration, Washington, D.C., 1972, pp. 1-2 and 19-55	
CW	68	T. W. Duerig, K.N. Melton, D. Stockel and C.M. Wayman, "Engineering Aspects of Shape Memory Alloys", pp. 368-393, Butterworth-Heinemann Ltd., 1990	

Examiner Signature		Date Considered	8/30/05
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<sup>1</sup> Applicant's unique citation designation number<sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (06-03)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/688,401		
		Filing Date	October 16, 2003		
		First Named Inventor	Robert M. Abrams et al.		
		Group Art Unit	3262/1742		
		Examiner Name	Unassigned WYSEMIERSKI		
Sheet	1	of	1	Attorney Docket Number	ACSG-65213 (0720XCC2CCC)
<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
OW	1	Presentation of Information, 08/12/03 (submitter name omitted), Japanese Patent Application No. 353581/1991, filed Dec. 1991			Yes
1	2	Japanese Patent Laid-Open Publication No. 289265/1990			No
	3	Japanese Patent Laid-Open Publication No. 289266/1990			No
	4	Japanese Patent Laid-Open Publication No. 32286/1969			No
	5	Japanese Patent Laid-Open Publication No. 31704/1969			No
	6	Japanese Patent Laid-Open Publication No. 12759/1978			No
OW	7	"Metal Material for Precision Equipment" pages 21-31, (February 25, 1985) issued by Nikkan Kogyo Shimbun, Ltd.			No
Examiner Signature	Date Considered			8/30/05	